

Wisconsin Department of Natural Resources

Floodplain Analysis Database Dictionary

The following is a description of the fields available in the download of the Floodplain Analysis Data

Field: **FLOODPLAIN_ANALYSIS_SEQ_NO**

Type: Numeric (6)

Desc: Unique key to the Floodplain Analysis

Field: **FLOODPLAIN_STUDY_SEQ_NO**

Type: Numeric(5)

Desc: If populated, this analysis is linked to an FIS study may comprise multiple analyses.

Field: **COUNTY**

Type: Varchar2(11)

Desc: The county that analyses was conducted in.

Field: **MCD_NAME**

Type: Varchar2(20)

Desc: The name of the municipality that the analysis was conducted. May be countywide.

Field: **WBIC**

Type: Numeric(7)

Desc: An internal code to designate a water body.

Field: **STREAM_OFFICIAL_NAME**

Type: Varchar2(50)

Desc: The DNR official name for the stream being studied.

Field: **STREAM_LOCAL_NAME**

Type: Varchar2(50)

Desc: The local name for the stream being studied.

Field: **ANALYSIS_TYPE_CODE**

Type: Varchar2(50)

Desc: Type of analysis being conducted.

FIS FLOOD INSURANCE STUDY

BRG DOT ANALYSIS FOR BRIDGE

CXC CASE BY CASE ANALYSIS FOR DEVELOPMENT IN FLOODPLAIN DAM

HYDROLOGY/HYDRAULICS DEVELOPED AT A DAM DMBK

DAMBREAK ANALYSIS

FPS FLOODPLAIN STUDY (LOCALLY FUNDED)

UNK UNKNOWN

Field: **ANALYSIS_DATE**

Type: Date

Desc: Date of the analysis

Field: **INPUT_FILE_LOCATION**

Type: Varchar2(68)

Desc: The URL where the input file in either text or zip form may be found

Field: **FIS_PDF_FILE_LOCATION**

Type: Varchar2(62)

Desc: The URL where a PDF copy of the FIS study may be found.

Field: **ANALYSIS_AUTHOR_DESC**

Type: Varchar2(50)

Desc: The author of the analysis.

Field: **BRIDGE_ID**

Type: Varchar2(20)

Desc: If it is a DOT Bridge study, then this the DOT Bridge ID.

Field: **DAM_KEY_SEQ_NO**

Type: Numeric (6)

Desc: If this analysis involves a Dam, the is the DNR ID for that Dam.

Field: **ANALYSIS_COMMENT**

Type: Varchar2(4000)

Desc: Any comments on the analysis.

Field: **HYDRAULIC_METHOD_CODE**

Type: Varchar2(10)

Desc: Hydraulic method code (only recently started to populate)

GRADUAL	Gradually Varied Flow
RAPID	Rapidly Varying Flow
DEPTH	Supercritical Depth Calc.
SEDIMENT	Sediment Transport
2-D	2-Dimensional Analysis
NORMAL	Manning's Equation
FP Storage	Unsteady Flow - component of time/flow added to hydr. Calcs

Field: **HYDRAULIC_MODEL_CODE**

Type: Varchar2(10)

Desc: Hydraulic model code (only recently started to populate)

DAMBRK	National Weather Service, Dam Break floodwave simulation, 1988
HEC-2	Hydrologic Engineering Center, Water Surface Profiles, v.4.6, 1991
HEC-RAS2.2	HEC, River Analysis System, v.2.2, 9/1998
HEC-RAS3.0	HEC River Analysis System v.3.0.1, 3/2001
WSPRO	USGS, Water Surface profile computations, v.V060188, 1996
HY 8	FHWA, Culvert Analysis, v.6.1, 1999

WSP2	NRCS, Water Surface Profiles. 1993 (no longer supported)
QUICK 2.0	FEMA, Normal depth method for zone A's, v2.0 1999
NONE	NONE
E-431	USGS, Step backwater and floodway analysis, v.80.18, 1995
HEC-RAS3.1	HEC River Analysis System v.3.1.1
22-J2-L212	"Any Cross Section" step backwater model - pre-dates HEC-2

Field: **HYDROLOGIC_METHOD_CODE**

Type: Varchar2(10)

Desc: Hydrologic method code (only recently started to populate)

PEARSON	Log Pearson Type III
REGRESS	USGS Regional Regression Equations
SYNTH	Event based/Rainfall-Runoff Synthetic Hydrographs
GAGE_COMP	Comparisons of Similar Drainage Basins at gaged sites
HISTORIC	Historical Flood Data
OTHER	Other Methods with Department Approval

Field: **HYDROLOGIC_MODEL_CODE**

Type: Varchar2(10)

Desc: Hydrologic model code (only recently started to populate)

TR-20	NRCS, Technical Release 2.0, v.2.0.34, 1964-1990
HEC-1	Hydrologic Engineering Center, Flood Hydrpgraph Package, 1968-1990
HEC-HMS	Hydrologic Engineering Center, Hyrdrologic Modeling System, v.2.1.3, 2001
TR-55	NRCS, Urban HYDROLOGIC for small watersheds, v.2.1 , 1986
HYDRO_TOOL	DNR Arc-View based digital parameter tool, 2001
NONE	NONE
HSPF	HSPF as maintained by USGS, used mainly by SEWRPC

Field: **OLD_MODEL_DESC**

Type: Varchar2(20)

Desc: Previous model description

Field: **DOWNSTREAM_PLSS_TWN**

Type: Varchar2(3)

Desc: The PLSS Township of the Downstream end of the analysis.

Field: **DOWNSTREAM_PLSS_RNG**

Type: Varchar2(3)

Desc: The PLSS Range of the Downstream end of the analysis.

Field: **DOWNSTREAM_PLSS_SECT**

Type: Number(2)

Desc: The PLSS Section of the Downstream end of the analysis.

Field: **UPSTREAM_PLSS_TWN**

Type: Varchar2(3)

Desc: The PLSS Township of the Upstream end of the analysis.

Field: **UPSTREAM_PLSS_RNG**

Type: Varchar2(3)

Desc: The PLSS Range of the Upstream end of the analysis.

Field: **UPSTREAM_PLSS_SECT**

Type: Number(2)

Desc: The PLSS Section of the Upstream end of the analysis.

Field: **SUPERSEDED_FLAG**

Type: Varchar2(1)

Desc: Y if this analysis has been superseded with a newer one.

Field: **LAST_UPDATE_DATE**

Type: Date

Desc: The last date this record was updated.

Field: **LAST_MAPPED_DATE**

Type: Date

Desc: The date this record was mapped.